

HEMS Undercarriage Repair

Maximise use of Undercarriage with HEMS latest Undercarriage Repair Tooling Range
HEMS offers different models of Track Presses for disassembling and assembling the track links of small, medium and large size bulldozers and excavators



Undercarriage of machines wear out over time due to the demands on the track link, rollers and idler in the often, harsh and challenging environment

To increase the lifespan and resilience of damaged undercarriage parts such as track links, rollers and idlers etc. these can be easily re-positioned by using special welding methods with HEMS highly efficient undercarriage repair tools. Parts can be re-built with the appropriate re-building equipment that HEMS offers

For our complete undercarriage repair product range, consultation and further information please contact sales@hemsltd.com

TRACK PRESS

Track Press is one of the main machines of the undercarriage repair workshop. HEMS offers different models of Track Presses for disassembling and assembling the track links of small, medium and large size bulldozers and excavators. Our presses are efficient and easy to operate which decreases the time required to turn the pins and bushes or to completely replace the track link parts

Our tracks press models are offered in various sizes from 200ton up to 400ton capacity and depending on the make/model of machines you work. Whether you are in larger construction or Mining Field, we have the right solution and the suitable repair package for your requirement



HEM-UC/200T

Capacity(each ram):	1961kN/200T
Ram Speeds Rapid Forward:	1560mm/min
Press:	228mm/min
Returns :	2820mm/min
Connected Load:	11 kW/15
HP Weight:	5,100kg (approx.)

HEM-UC 250T

Capacity(each ram):	2451kN/250T
Ram Speeds Rapid Forward:	2100 mm/min
Press:	276mm/min
Returns :	3780mm/min
Connected Load:	15 kW/20
HP Weight:	5,300kg (approx.)

HEM-UC 300T

Capacity(each ram):	2942 KN/300T
Ram Speeds Rapid Forward:	2100 mm/min
Press:	330 mm/min
Returns :	4140 mm/min
Connected Load:	18.75 kW/25 HP
HP Weight:	6500 kg

HEM-UC 350 T

Capacity(each ram):	3432 KN/350T
Ram Speeds Rapid Forward:	1890mm/min
Press:	270 mm/min
Returns :	4004 mm/min
Connected Load:	22.5 kW/30HP
HP Weight:	7,200 kg

HEM-UC 400T

Capacity(each ram):	3,922 kN/400T
Ram Speeds Rapid Forward:	2,160 mm/min
Press:	360 mm/min
Returns :	3690 mm/min
Connected Load:	30KW/40HP
HP Weight:	8.100 kg

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HYDRAULIC TORQUE WRENCH

HEMS Hydraulic Torque Wrench series are designed for the removal and tightening of shoe bolts of most of the small, medium and large sizes of Track Chains. The wrench has two speeds, one for low speed and high torque for the initial removal or final tightening of the bolts and high speed and low torque for quick removal of the bolt or initial screwing of the bolt during tightening

HEMS also supply both options, manual and electrically driven conveyors. Please check at the time of order which options suits your requirement

Models available

HEM-UC/T700

Torque:	7000 Nm
Wrench RPM:	8-150
Power:	5.6 kW
Max. Chain Height with Shoes:	350 mm
Machine Weight:	850 kg
Length:	3100 mm (with Roller Conveyor)
Height:	1590 mm (above Roller Conveyor)
Width:	1060mm

HEM-UC/T900

Torque:	9000 Nm
Wrench RPM:	05-125
Power:	7.5 kW
Max. Chain Height with Shoes:	375 mm
Machine Weight:	1250 kg
Length:	3100 mm (with Roller Conveyor)
Height:	1760 mm (above Roller Conveyor)
Width:	1240 mm



SEAL LUBRICATOR

HEMS SLT-40/LS Seal Lubricator & Tester is a trolley mounted portable unit used for lubricating/servicing track chains, rollers and idlers. It is provided with an oil dispenser and provision for vacuum test with gauges and indicators

Only compressed air supply is required to operate the machine

Models available

SLT-40/LS

Type:	Lubricating and Testing
Lubricant Reservoir Capacity:	40 litre
Air Supply Required Capacity:	0.10 m3 at 4 bar
Machine Weight:	51 kg (dry)

GROUSER REBUILDER

HEM GR/185

The machine is designed to rebuild track shoes of all models. It is of very robust and rigid construction and is designed to weld the lug/bar on to the grouser, without removing it from the track chain

HEMS Grouser Rebuilder includes cutting station, welding station left, welding station right, submerged arc welding power source, flux recovery unit, hydraulic system and electric system



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ROLLER & IDLER REBUILDER

The HE-RIR 988 is an extra wide Roller & Idler Rebuilding Machine which can accommodate idlers up to 900mm diameter. If required the machine can also be equipped with two power sources along with two independent welding heads with independent wire feed units, hoppers, etc. The machine can also be supplied with Flux Recovery Unit if required.



Models available

HE-RIR 988

Type:	Double Ram Track Press
Max Roller Diameter:	1250mm
Max Roller Weight:	600kg
Wire Feed Speed :	0.2 to 4m/min
Wire Diameter:	2.4mm - 5.0mm
Hopper Capacity:	10kg

TRACK WINDER

HEMS TW/L Track Chain Winder is used for winding and un-winding tracks. It is generally placed in line with the Roller Conveyor for winding the track after assembly or for spreading the track on the Roller Conveyor for disassembly of the track. It is of extremely robust design, suitable for large size track chains.



Models available

HEM TW/L

Torque:	8500 Nm
Spindle RPM:	2
Floor to Spindle Height:	1600 mm
Max. Weight Allowed on Spindle:	6000 kg
Machine Weight:	1550 kg
Machine Dimensions - Length:	2600 mm
Height:	1900 mm
Depth:	1250 mm
Power:	3.75 kW